

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES
CLASS SPECIFICATION

ENVIRONMENTAL PROTECTION SPECIALIST IV

POSITION CODE: 13824
Effective: 7-1-2022

DISTINGUISHING FEATURES OF WORK:

Under general direction, serves as a working supervisor of professional staff engaged in pollution control or pollution abatement programs in the field or office setting or serves as a staff member of consulting agency personnel on complex or difficult problems or studies which have program or policy impact; independently works on studies which have a number of unknowns and require advanced knowledge and/or experience to complete; reviews technical and scientific information regarding a particular case; applies complex scientific principles to ensure compliance with provisions of the Surface Coal Mining Land Conservation and Reclamation Act; serves as division expert on hydrology related issues; provides technical assistance to staff inspectors and mine operators; serves as working supervisor; travels as necessary to meet the operational needs of the agency.

ILLUSTRATIVE EXAMPLES OF WORK:

1. Serves as staff member along with other technical or professional staff, performing field work at facilities, sites and locations of pollution sources and their resultant effect on the environment; travels to work sites as operational needs dictate.
2. Serves as working supervisor; may assign and review work; provides guidance and training to assigned staff; counsels staff regarding work performance; may reassign staff to meet day-to-day operating needs; establishes annual goals and objectives; approves time off; prepares and signs performance evaluations. Develops, prepares, reviews and submits complex technical and scientific reports on data obtained; answers complex and technical inquiries from complainants, facility operators, owners or their representatives, contractors or general public; reviews technical and scientific information regarding a particular case; applies complex scientific principles to ensure compliance with provisions of the Surface Coal Mining Land Conservation and Reclamation Act; serves as division expert on hydrology related issues; and provides technical assistance to staff inspectors and mine operators.
3. Reviews technical and scientific information and prepares data to be utilized in hearing cases or court cases; serves as an expert witness in hearings or court cases when requested to do so; presents testimony concerning projects reviewed, findings of inspections, and/or investigations of alleged pollution violation.

ENVIRONMENTAL PROTECTION SPECIALIST IV (Continued)

4. Prepares complex technical scientific data, reports, applications and supporting documents to provide findings and recommendations for submission to agency management; performs advanced technical review of permit applications, modifications, permit amendments and transfers for production, hydraulic fracturing, Class II injection wells and other permits required under the Oil and Gas Act; performs advanced technical review of requests for temporary abandonment of Class II injection and production wells to ensure compliance with state regulations; performs professional activities of a complex technical nature related to investigation and response to environmental emergencies; as technical expert, reviews complex documents and performs inspections of complex sites to determine their compliance with the Illinois Environmental Protection Act.
5. Plans and implements public participation activities and maintains records of such activities for use in preparing reports and decision documents for agency management.
6. Provides training opportunities and experiences for lower level staff; serves as an instructor or resource person in training programs, workshops and seminars, including such programs provided for community, municipal or other public groups.
7. Attends and participates in staff meetings, conferences, seminars, training sessions, etc., in order to increase professional experience and knowledges.
8. Performs other duties as required or assigned which are reasonably within the scope of the duties enumerated above.

DESIRABLE REQUIREMENTS:

Education and Experience

Requires knowledge, skill and mental development equivalent to the completion of four years college with coursework in the physical, life, or environmental sciences.

Requires two years supervisory experience in the field of pollution abatement or related field.

Knowledges, Skills and Abilities

Requires thorough knowledge of environmental control systems, facilities, and related techniques, procedures and processes.

Requires extensive knowledge of state laws, rules, regulations and standards pertaining to environmental control or pollution abatement.

ENVIRONMENTAL PROTECTION SPECIALIST IV (Continued)

Requires extensive knowledge of techniques relative to the supervision of a technical and/or professional staff.

Requires extensive knowledge of modern inspectional and investigative techniques and procedures.

Requires ability to prepare detailed and comprehensive reports of complex and sensitive field inspection and/or investigations.

Requires ability to plan, organize and direct activities of professional and technical staff engaged in performing surveillance, inspection or investigative activities.

Requires ability to meet safety standards as specified by applicable state and federal laws.

Requires ability to utilize a personal computer and software applications.

Requires ability to analyze and interpret complex and extensive scientific data relating to facilities, installations, equipment and environmental control systems and processes.

Requires ability to establish and maintain liaison with municipal officials, facility owners and operators, plant managers, or their representatives, and agency professional staff.

Requires ability to interpret pertinent laws, rules, regulations, concerning pollution control or abatement and to explain to individuals the techniques and procedures utilized in enforcing the laws, rules and regulations.

Requires ability to supervise a sub-unit of a technical activity within the assigned program.

Requires a valid driver's license and ability to travel.